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INTERNATIONAL ELECTROTECHNICAL COMMISSION

TECHNICAL COMMITTEE 80: MARITIME NAVIGATION AND RADIOCOMMUNICATION EQUIPMENT AND SYSTEMS

Proposed technical corrigendum to IEC 61097-2 (second edition, issued in 2002)

1. Background

This document is circulated at the request of the TC 80 secretary who proposes to publish a technical corrigendum to IEC 61097-2 (2002). He provided the following explanations on this matter:

"The industry are experiencing a problem with the maximum duration of the flash of the strobe light which is part of the 406 MHz EPIRB.

The current edition of 61097-2 calls for 10 ms. The previous edition called for 1 s. A value of 1 s is also specified in similar standards from ETSI (ETS 300 026), RTCM (SC-110), Australia (AS/NZS 4280) and IEC 61097-5.

It is therefore suggested to correct 61097-2 Ed. 2 to a value of 1 s.

The clause of concern is 3.3.3 c is attached. This is the only change required.

It would appear that 2.10.2 (b) of the Directives Part 1 applies for issuing this matter as a technical corrigendum. The information has become outdated since publication and there is no effect by the proposed change on normative elements."

2. Action

The P-members of TC 80 are invited to answer the following questions:

a) whether they agree that the circumstances for issuing a technical corrigendum are met (2.10.2 (b) of Part 1 of IEC directives);
b) whether they agree to the proposed technical corrigendum;
c) whether they can communicate any other matters that need to be covered in a technical corrigendum to IEC 61097-2 second edition.

They are invited to send their replies to the IEC electronic voting system,

by 2005-09-30 at the latest.

If there is consensus among P-members on the above questions, Central Office will publish the proposed technical corrigendum.

Annex mentioned

PROPOSED REVISION TO IEC 61097-2 Ed.2 2002

Clause 3.3.3 c) first paragraph:

The satellite EPIRB shall (A810(19)/A.2.3.11) *be provided with a low-duty cycle light* (of at least effective *0.75 cd*) *active during darkness* or operating continually, and flashing at a rate of 20 to 30 times per minute, with a flash duration of between 10^{-6} s and ~~10^{-2}~~ **1** s *to indicate its position for the nearby survivors and rescue units*.